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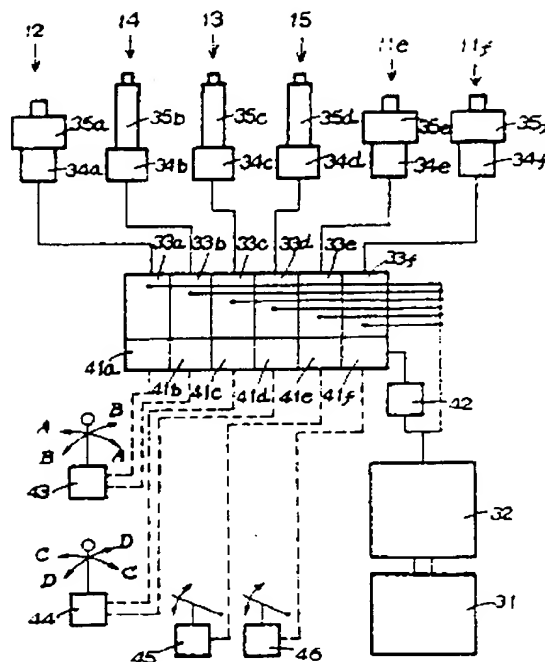
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TITLE : ELECTRIC POWER SHOVEL



ABSTRACT : PURPOSE: To enhance the operability of an electric power shovel by a method in which the drive power sources of traveling, slewing, and working machine systems are all made up of an electric drive actuator and the electric drive actuator of the working machine system is made up of a motor-driven linear actuator.

CONSTITUTION: By the power of a generator 32 driven by an engine 31, motors 34a~34f are driven through power controllers 33a~33f. The motors 34a, 34e, and 34f are integrated with reduction gears 35a, 35e, and 35f to make up electric drive actuators for a slewing system 12 and traveling systems 11e and 11f and the motors 34b, 34c, and 34d are integrated with linear operation systems 35b, 35c, and 35d to make up motor-driven linear actuators. The boom 13, arm 14, and bucket 15 of the working machine system are worked by link motion by converting the rotation of each motor into linear motion.

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